EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5218646").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/19 12:10
S1	29	(("4338024") or ("4393466") or ("4538299") or ("4612614") or ("5343538") or ("5436978") or ("5463548") or ("5625709") or ("5835633") or ("5978497") or ("5987158") or ("5991028") or ("6594586")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 15:01
S2	10	(("4180798") or ("4965725") or ("5828776") or ("5889892") or ("6246785")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/08 15:03
S3	2	10/716589	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:16
S4	4	09/841941	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/10 14:05
S5	18	("4180798" | "4338024" | "4393466" | "4538299" | "4612614" | "4965725" | "5343538" | "5436978" | "5463548" | "5625709" | "5828776" | "5835633" | "5889892" | "5978497" | "5987158" | "5991028" | "6246785" | "6594586").PN. OR ("6947586").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/08 15:31
S6	321	(382/156).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:17

S7	524	(382/133).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 14:17
S8	6	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:33
S9	1	60/427470	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:08
S10	18	("4180798" | "4338024" | "4393466" | "4538299" | "4612614" | "4965725" | "5343538" | "5436978" | "5463548" | "5625709" | "5828776" | "5835633" | "5889892" | "5978497" | "5987158" | "5991028" | "6246785" | "6594586").PN. OR ("6947586").URPN.	US-PGPUB; USPAT; USOCR	AND	OFF	2007/01/09 15:07
S11	9	Chapoulaud-Eric.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 16:44
S12	21	Kasdan-Harvey-L.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:09
S13	4	Castleman-Kenneth-R.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:09

S14	1	Good-Kenneth-N.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:11
S15	321	(382/156).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:15
S16	2855	(382/154-161).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:58
S17	944	(382/224).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:15
S18	914	(382/203).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:15
S19	160	(128/925).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:10
S20	2	("4965725").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 15:24
S21	2	10/716589	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:24

EAST Search History

S22	14	S7 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 15:59
S23	1378	(382/190).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/09 16:10
S24	172	S23 and (cell or (biological near (agents or particle)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:59
S25	4	09/841941	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 16:56
S26	116	"4338024"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:57
S27	4	"4338024".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:59
S28	1713330	(cell or (biological near (agents or particle)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 16:59
S29	11428	(cell or (biological near (agents or particle))) with (classif$6 or recogntion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:00

S30	13	(cell or (biological near (agents or particle))) with (classif$6 or recogntion) same group same sub$1group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:01
S31	13	(cell or (biological near (agent or particle))) with (classif$6 or recogntion) same group same sub$1group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:02
S32	124	(cell or (biological near (agent or particle))) with (classif$6 or Recognit$4 or ident$6) same group same sub$1group	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/09 17:03
S33	632	(382/149).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 17:22
S34	1474	(382/224-226).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 17:23
S35	524	(382/133).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 17:26
S36	30	S34 and S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 17:59
S37	211	S34 and ((sub$1group or sub$1set) same (group or set))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 18:01
S38	0	("2006/0222221").URPN.	USPAT	AND	OFF	2007/01/10 18:01

S39	8	(("6757412") or ("6266435") or ("6477262") or ("6574357")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 18:03
S40	2	("5260871").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 18:03

[File 2] **INSPEC** 1898-2007/Dec W4
(c) 2007 Institution of Electrical Engineers. All rights reserved.
File 2: UD200612W3 is the last update for 2006. UD200701W1 will be the next update. The file is complete.

[File 5] **Biosis Previews(R)** 1969-2007/Jan W2
(c) 2007 The Thomson Corporation. All rights reserved.

[File 6] **NTIS** 1964-2007/Jan W2
(c) 2007 NTIS, Intl Cpyrght All Rights Res. All rights reserved.

[File 8] **Ei Compendex(R)** 1970-2007/Jan W1
(c) 2007 Elsevier Eng. Info. Inc. All rights reserved.
File 8: The file has been reprocessed and accession numbers have changed. See HELP NEWS988 for details.

[File 34] **SciSearch(R) Cited Ref Sci** 1990-2007/Jan W2
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[File 35] **Dissertation Abs Online** 1861-2006/Nov
(c) 2006 ProQuest Info&Learning. All rights reserved.

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(c) 2007 BLDSC all rts. reserv. All rights reserved.

[File 71] **ELSEVIER BIOBASE** 1994-2007/Jan W2
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[File 73] **EMBASE** 1974-2007/Jan 17
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File 73: Elsevier will not provide an update to Embase on . January 1, 2007.

[File 94] **JICST-EPlus** 1985-2007/Jan W2
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File 94: UD200609W2 is the last update for 2006. UD200701W1 is the first update for 2007. The file is complete and up to date.

[File 95] **TEME-Technology & Management** 1989-2007/Jan W2
(c) 2007 FIZ TECHNIK. All rights reserved.

[File 98] **General Sci Abs** 1984-2007/Jan
(c) 2007 The HW Wilson Co. All rights reserved.

[File 99] **Wilson Appl. Sci & Tech Abs** 1983-2007/Dec
(c) 2007 The HW Wilson Co. All rights reserved.

[File 136] **BioEngineering Abstracts** 1966-2006/Oct
(c) 2006 CSA. All rights reserved.

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[File 144] **Pascal** 1973-2007/Dec W2
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[File 155] **MEDLINE(R)** 1950-2006/Dec 16
(c) format only 2006 Dialog. All rights reserved.
File 155: MEDLINE has temporarily stopped updating with UD=20061206. Please see HELP NEWS154 for details.

[File 172] **EMBASE Alert** 2007/Jan 18
(c) 2007 Elsevier B.V. All rights reserved.

[File 188] **Health Devices Sourcebook** 2004
ECRI (A nonprofit agency). All rights reserved.

[File 198] **Health Devices Alerts(R)** 1977-2006/Oct W2
(c) 2006 ECRI-nonprft agncy. All rights reserved.

```
Set      Items    Description
S1    12847432    S IMAG? OR URIN? OR ANALYTE OR SAMPL? OR PICTURE??
S2      662600    S (DIVID?? OR DIVISION OR SEPARAT? OR TILE?? OR TILING OR PORTION?? OR
PART? OR DISTINCT OR PIECE?? OR SEGMENT??? OR SPLIT??? OR BREAK???? OR SUB()DIVID???
OR ELEMENT?? OR SEGRAGAT??? OR PLURAL? OR MANY OR NUMEROUS OR SEVERAL OR MANY OR MULTI
OR MULTIPLE)(3N)S1
S3      183963    S (EXTRACT??? OR REMOV?? OR SELECT??? OR MINE?? OR MINING)(3N)(GROUP
OR SUB()GROUP OR PART?? OR PORTION OR SECTION?? OR S2)
S4      193913    S (DETERMIN??? OR PRODUCE OR GENERAT??? OR COMPUTE OR
COMPUTES)(3N)(CLASS?? OR CLASSIF? OR CATEGORY? OR CATEGORI? OR LABEL? OR GENUS OR
SPECY OR SPECIES)
S5         239    (BY()PASS??? OR SKIP??? OR PREVENT?? OR STOP? OR ?NOT?)(3N)S4 FROM 2,
5, 6, 8, 34, 35, 65, 71, 73, 94, 95, 98, 99, 136, 143, 144, 155, 172, 188, 198, 239,
434, 583, 603, 483, 248
S6         769    S AU=(CHAPOULAUD, E? OR CHAPOULAUD E? OR KASDAN, H? OR KASDAN H? OR
CASTLEMAN, K? OR CASTLEMAN K? OR GOOD, K? OR GOOD K?)
S7      643937    S TRAIN??(3N)ALGORITHM?? OR NEURAL()NETWORK?? OR FUZZY()LOGIC OR
EXPERT()SYSTEM
S8          32    S S3(3N)(S4 OR S5)
S9          19    RD (unique items)
S10         16    S S9 NOT PY>2003
S11        114    S S3(3N)S7
S12         78    RD (unique items)
S13          4    S S12(S)S4
S14          4    S S13 NOT S10
S15          0    S S12(3N)S5
S16          0    S S12(S)S5
S17          0    S S11 AND S6
S18          2    S S3 AND S6
S19          2    S S18 NOT (S10 OR S13)
S20          1    S S19 NOT MAIL
```

10/3,K/1 (Item 1 from file: 2) **Links**
  Fulltext available through: ScienceDirect (Elsevier)   USPTO Full Text Retrieval Options   SCIENCEDIRECT
INSPEC

08642540   **INSPEC Abstract Number:** C2003-07-7330-059
Title: A multiple classifier system for early melanoma diagnosis
Author Sboner, A.; Eccher, C.; Blanzieri, E.; Bauer, P.; Cristofolini, M.; Zumiani, G.; Forti, S.
Author Affiliation: Centre for Sci. & Technol. Res., ITC-irst, Trento, Italy
Journal: Artificial Intelligence in Medicine   vol.27, no.1   p. 29-44
Publisher: Elsevier ,
Publication Date: Jan. 2003 **Country of Publication:** Netherlands
CODEN: AIMEEW ISSN: 0933-3657
SICI: 0933-3657(200301)27:1L.29:MCSE;1-K
  Material Identity Number: O520-2003-001
U.S. Copyright Clearance Center Code: 0933-3657/03/$30.00
Language: English
 Subfile: C
Abstract: ...and a decision tree, the inputs of which are 38 geometric and colorimetric features automatically **extracted** from digital **images** of skin lesions. **Multiple classifiers** were **generated** by combining the diagnostic outputs of single classifiers with appropriate voting schemata. This approach was...

10/3,K/2 (Item 2 from file: 2) **Links**
  Fulltext available through: USPTO Full Text Retrieval Options   SCIENCEDIRECT
INSPEC
02485938   **INSPEC Abstract Number:** A80035583
Title: Triple quadrupole mass spectrometry for direct mixture analysis and structure elucidation
Author Yost, R.A.; Enke, C.G.
Author Affiliation: Dept. of Chem., Univ. of Florida, Gainesville, FL, USA
Journal: Analytical Chemistry   vol.51, no.12   p. 1251A-2, 1256, 1258, 1260, 1262, 1264

Publication Date: Oct. 1979 **Country of Publication:** USA
CODEN: ANCHAM ISSN: 0003-2700
Language: English
 Subfile: A
Abstract: ...for separation and identification in a single instrument. In this technique (MS/MS), several ionic **species** are **generated** from a **sample**; ions of a **particular** mass are **selected** for fragmentation; the selected ions are fragmented by one of several possible techniques; and the...

10/3,K/3 (Item 1 from file: 5) **Links**
  Fulltext available through: USPTO Full Text Retrieval Options   SCIENCEDIRECT
Biosis Previews(R)
0014380952   **Biosis No.:** 200300337695
Fuelwood characteristics of six indigenous wood species from the Eastern Black Sea region.

Author: Demirbas Ayhan (Reprint)
Author Address: P. K. 216, Trabzon, Turkey**Turkey
Author E-mail Address: ayhandemirbas@hotmail.com
Journal: Energy Sources 25 (4): p 309-316 April 2003 2003
Medium: print
ISSN: 0090-8312 _(ISSN print)
Document Type: Article
Record Type: Abstract
Language: English

Abstract: Various fuel characteristics, such as moisture, ash, lignin, holocellulose, and **extractive** contents of different **parts** of

these **species**, were **determined** on an ash-free dry weight and extractive-free dry weight basis to find the...

10/3,K/4 (Item 2 from file: 5) **Links**
   Fulltext available through: American Chemical Society   USPTO Full Text Retrieval Options   SCIENCEDIRECT
Biosis Previews(R)

0013230620 **Biosis No.: 200100402459**
Generation of class-selective monoclonal antibodies against the penicillin group

Author: Cliquet P (Reprint); Cox E; Van Dorpe C; Schacht E; Goddeeris B M
Author Address: Laboratory of Veterinary Immunology, Faculty of Veterinary Medicine, University of Ghent, Salisburylaan 133, B-9820, Merelbeke, Belgium**Belgium
Journal: Journal of Agricultural and Food Chemistry   49 (7): p 3349-3355 July, 2001 2001
Medium: print
ISSN: 0021-8561
Document Type: Article
Record Type: Abstract
Language: English
Descriptors:
Chemicals & Biochemicals: ...analysis, applications, **generation**, penicillin **group class-selective**;

10/3,K/5 (Item 3 from file: 5) **Links**
   Fulltext available through: ScienceDirect (Elsevier)   USPTO Full Text Retrieval Options   SCIENCEDIRECT
Biosis Previews(R)

0013017230 **Biosis No.: 200100189069**
Fuelwood characteristics of some indigenous woody species of north-east India

Author: Kataki Rupam; Konwer Dolon (Reprint)
Author Address: Department of Energy, Tezpur University, Napaam, Tezpur, 784 028, India** India
Journal: Biomass and Bioenergy   20 (1): p 17-23 2001 2001
Medium: print
ISSN: 0961-9534
Document Type: Article
Record Type: Abstract
Language: English

Abstract: ...ash content, density, solubility in cold water, hot water and alkali, cellulose, holocellulose, lignin and **extractive** contents of different **parts** of these **species** were **determined** on ash-free dry weight and extractive-free dry weight basis to find out relationship...

10/3,K/6 (Item 1 from file: 6) **Links**
   Fulltext available through: Check for PDF Download Availability and Purchase
NTIS

0856304   **NTIS Accession Number: AD-A089 824/7/XAB**
Selected Ion Fragmentation with a Triple Quadrupole Mass Spectrometer
(Doctoral thesis)
Yost, R. A. ; Enke, C. G.
Michigan State Univ., East Lansing. Dept. of Chemistry.
Corporate Source Codes: 004674021; 268563
Report Number: TR-5
19 Sep 80   110p
Language: English   Document Type: Thesis
Journal Announcement: GRAI8103
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A06/MF A01
...direct analysis of mixtures and the elucidation of molecular structures. In the TOMS, several ionic **species are generated** from a **sample**, ions of a **particular** mass are **selected** for fragmentation, and the resulting fragment ions are mass analyzed. The

instrument consists of, in...

10/3,K/7 (Item 2 from file: 6) **Links**
  Fulltext available through: Check for PDF Download Availability and Purchase
NTIS
0737719   **NTIS Accession Number:** AD-A061 575/7/XAB
Differential Validity of the Army Aptitude Areas for Predicting Army Job Training Performance of Blacks and Whites
(Technical paper)
Maler, M. H. ; Fuchs, E. F.
Army Research Inst for the Behavioral and Social Sciences Alexandria VA
Corporate Source Codes: 408010
Report Number: ARI-TP-312
Sep 78 26p
Language: English
Journal Announcement: GRAI7906
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A03/MF A01
Aptitude area scores of the Army Classification Battery (ACB) are **part** of the Army **selection** and **classification** procedure to **determine** which applicants for enlistment are accepted and which Army job training programs are open to...

  10/3,K/8 (Item 1 from file: 8) **Links**
   Fulltext available through: SPIE - The International Society of Optical Engineering   USPTO Full Text Retrieval Options
SCIENCEDIRECT
Ei Compendex(R)
08289238 **E.I. No:** EIP99054680597
Title: Aircraft engine blade cooling holes detection and classification from infrared images

Author: Rosemau, Robert D.; Nawaz, Sal; Niu, A.; Wee, William G.
Corporate Source: Univ of Cincinnati, Cincinnati, OH, USA
Conference Title: Proceedings of 1999 Nondestructive Evaluation of Aging Aircraft, Airports, and Aerospace Hardware III
Conference Location: Newport Beach, CA, USA   **Conference Date:** 19990303-19990305
E.I. Conference No.: 55072
Source: Proceedings of SPIE - The International Society for Optical Engineering v 3586 1999. p 85-93
Publication Year: 1999
CODEN: PSISDG **ISSN:** 0277-786X
Language: English
Abstract: ...a function of time during the same period. Image data features for the holes were **extracted** from the **images** and applied to **several classifiers** to **determine** an optimal **classification** method. Different data sets and/or combinations of features for both training and testing sets...

  10/3,K/9 (Item 2 from file: 8) **Links**
Ei Compendex(R)
03752119 **E.I. Monthly No:** EI7810076255 **E.I. Yearly No:** EI78059462
Title: ADSORPTION OF NON-IONIC AND ANIONIC SURFACTANTS ON SANDSTONE AND CARBONATE.

Author: Lawson, J. B.
Corporate Source: Shell Dev Co
Source: Proc SPE Symp Improv Oil Recovery 5th, Tulsa, Okla, Apr 16-19 1978. Publ by AIME, New York, NY, 1978 SPE 7052 p 159-170
Publication Year: 1978
CODEN: SSIPD6
Language: ENGLISH
Abstract: ...goal of work presented here was to determine levels of adsorption on rock of a **selected group** of surfactants, to **determine** which molecular **species** are preferentially adsorbed, and to study some of the factors affecting adsorption, e. g. , ionic...

10/3,K/10 (Item 1 from file: 35) **Links**
Dissertation Abs Online

01838077 ORDER NO: AADAA-I3016374
Multi-resolution image analysis and classification for improving urban land use/cover mapping using high-resolution imagery

Author: Chen, DongMei
Degree: Ph.D.
Year: 2001
Corporate Source/Institution: University of California, Santa Barbara (0035)
Source: Volume 6206A of Dissertations Abstracts International.
PAGE 2203 . 238 PAGES
ISBN: 0-493-27042-6

...framework to select and integrate the suitable information from different resolutions and analytical techniques into classification routines. By generating **multi**-resolution **image** representations, **extracting** and combining texture features, defining window sizes, using different training strategies, and evaluating classification errors...

10/3,K/11 (Item 2 from file: 35) **Links**
Dissertation Abs Online

01389605 ORDER NO: AAD94-33746
A CONNECTIONIST APPROACH TO DATABASE MINING IN THE COMPUTATION OF GROUP JOB CLASSIFICATIONS AND TASK CLUSTERS FROM OCCUPATIONAL SURVEY DATA

Author: DARE, RUTH SUE
Degree: PH.D.
Year: 1994
Corporate Source/Institution: UNIVERSITY OF MISSOURI - ROLLA (0135)
Source: Volume 5508B of Dissertations Abstracts International.
PAGE 3407 . 141 PAGES

This study examines the use of various connectionist models for performing database **mining** to **compute group** job **classifications** and task clusters of occupational survey data obtained by the U.S. Army from soldiers...

10/3,K/12 (Item 3 from file: 35) **Links**
Dissertation Abs Online

843147 ORDER NO: AAD84-11005
A COMPARISON OF VALUES AND SELECTED CHARACTERISTICS OF SCHOOL BOARD MEMBERS AND SUPERINTENDENTS IN THE STATE OF NEW JERSEY

Author: VOTTO, FRANK T.
Degree: ED.D.
Year: 1983
Corporate Source/Institution: RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK) (0190)
Source: Volume 4502A of Dissertations Abstracts International.
PAGE 375 . 124 PAGES

...was determined by a stratified sampling plan based on student populations. The number of randomly **selected** districts in each **group** was **determined** by computing each **classification** 's percentage ratio of all districts in the state and multiplying it by 75. The...

10/3,K/13 (Item 1 from file: 94) **Links**
Fulltext available through: USPTO Full Text Retrieval Options SCIENCEDIRECT
JICST-EPlus

00595992 **JICST Accession Number:** 88A0241204 **File Segment:** JICST-E
Water recovery and changes in water quality in land application of domestic wastewater.

ITOYAMA TOU-ICHI (1)

(1) Kagawa Univ., Faculty of Education
Abstract: ...in water quality during a penetration through soil layers in aerobic conditions or estimation on removed portion for
each species was determined. The chemical composition of descending effluent was found to vary with modes of spraying.
The...

10/3,K/14 (Item 1 from file: 99) **Links**.
  Fulltext available through: Institute of Electrical and Electronics Engineers   USPTO Full Text Retrieval Options
SCIENCEDIRECT
Wilson Appl. Sci & Tech Abs
2453670 **H.W. Wilson Record Number:** BAST02110583
Learn++: an incremental learning algorithm for supervised neural networks

Polikar, Robi ; Udpa, Lalita; Udpa, Satish S

Abstract: ...at the same time, it does not forget previously acquired knowledge. Learn++ uses ensemble of classifiers by
generating multiple hypotheses using sample training data selected using tailored distributions. A weighted majority voting
system is used to combine the classifier outputs...

10/3,K/15 (Item 1 from file: 144) **Links**
Pascal

    13352613   PASCAL No.: 98-0079935

    Real-time recognition of hand alphabet gestures using principal Component
Analysis
    SCIA'97 : 10th Scandinavian conference on image analysis : Lappeeranta,
June 9-11, 1997

    BIRK H; MOESLUND T B; MADSEN C B
    FRYDRYCH Michael, ed; PARKKINENE Jussi, ed; VISA Ari, ed
    Aalborg University, Laboratory of Image Analysis, Fredrik Bajersvej 7,
Building D-1, 9220 Aalborg East , Denmark
    Scandinavian conference on image analysis, 10   (Lappeeranta FIN)
1997-06-09
    1997 261-268
    Publisher: Pattern Recognition Society, Lappeeranta
    Language: English

    ... clusters. The system is divided into two parts: an off-line and an
on-line **part.** The feature **selection** and **generation** of
a **classifier** is performed off-line. On-line the obtained features
and the classifier are used to...

10/3,K/16 (Item 2 from file: 144) **Links**
Pascal

    11496947   PASCAL No.: 94-0336885

    Anionic products of th two-electron reduction of aromatic nitriles in
liquid ammonia

    BILKIS I I; VAGANOVA T A; PANTELEEVA E V; SALNIKOV G E;
TANANAKIN A P; MAMATYUK V I; SHTEINGARTS V D
    Russian acad. sci., inst. organic chemistry, Siberian div., Novosibirsk
630090, Russian Federation
    Journal: Journal of physical organic chemistry,
1994, 7 (3)
153-161
    Language: English

    ... protonating agent, methanol. According to SUP 1 SUP 3 C NMR spectral
data of the **generated species**, the cyano **group**
extracts the negative charge from the pi -electronic system: ca
0.20:0.25 e in...

14/3,K/1 (Item 1 from file: 2) **Links**
    Fulltext available through: SPIE - The International Society of Optical Engineering   USPTO Full Text Retrieval Options
SCIENCEDIRECT
INSPEC
07048862 **INSPEC Abstract Number:** B9811-6140C-428, C9811-5260B-273
Title: Automatic target recognition using a feature-decomposition and data-decomposition modular neural network
Author Lin-Cheng Wang; Der, S.; Nasrabadi, N.M.
Author Affiliation: AMSRL-SE-SE, US Army Res. Lab., Adelphi, MD, USA
Journal: Proceedings of the SPIE - The International Society for Optical Engineering **Conference Title:** Proc. SPIE - Int. Soc.
Opt. Eng. (USA)   vol.3307 p. 2-13
Publisher: SPIE-Int. Soc. Opt. Eng ,
Publication Date: 1998 **Country of Publication:** USA
CODEN: PSISDG **ISSN:** 0277-786X
SICI: 0277-786X(1998)3307L.2:ATRU;1-N
   Material Identity Number: C574-98099
U.S. Copyright Clearance Center Code: 0277-786X/98/$10.00
Conference Title: Applications of Artificial Neural Networks in Image Processing III
Conference Sponsor: SPIE; Soc. Imaging Sci. & Technol
Conference Date: 26-27 Jan. 1998 **Conference Location:** San Jose, CA, USA
Language: English
 Subfile: B C
 Copyright 1998, IEE
Abstract: ...recognition (ATR) using forward-looking infrared (FLIR) imagery. The classifier consists of several independently
trained **neural networks** operating on features **extracted** from a local **portion** of a target **image**. The classification decisions of
the individual networks are combined to **determine** the final **classification**. Experiments show that decomposition of the input
features results in performance superior to a fully...

14/3,K/2 (Item 1 from file: 6) **Links**
    Fulltext available through: Check for PDF Download Availability and Purchase
NTIS
    NTIS Accession Number: AD-A345 009/5/XAB

Automatic Target Recognition Using a Modular Neural Network
(Progress rept. Jun 97)
Wang, L. C. ; Der, S. ; Nasrabadi, N. M.
Army Research Lab., Adelphi, MD.
Corporate Source Codes: 105485000; 424778
Report Number: ARL-TR-1659
May 98 41p
Language: English
Journal Announcement: GRAI9818
Product reproduced from digital image. Order this product from NTIS by: phone at 1-800-553-NTIS (U.S. customers); (703)605-6000 (other countries); fax at (703)321-8547; and email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road, Springfield, VA, 22161, USA.
NTIS Prices: PC A04/MF A01
...of targets in forward-looking infrared (FLIR) imagery. The classifier consists of several independently trained **neural networks** operating on features **extracted** from a local **portion** of a target **image**. The classification decisions of the individual networks are combined to **determine** the final **classification**. Experiments show that decomposition of the input features results in performance superior to a fully...

14/3,K/3 (Item 1 from file: 8) **Links**
   Fulltext available through: USPTO Full Text Retrieval Options   SCIENCEDIRECT
Ei Compendex(R)

09148281 **E.I. No:** EIP02397113333
Title: Atomatic target recognition using a feature-decomposition and data-decomposition modular neural network

Author: Wang, Lin-Cheng; Der, Sandor; Nasrabadi, Nasser M.
Corporate Source: US Army Research Laboratory AMSRL-SE-SE, Adelphi, MD 20783, United States
Conference Title: Applications of Artificial Neural Networks in Image Processing III
Conference Location: San Jose, CA, United States   **Conference Date:** 19980126-19980127
E.I. Conference No.: 59748
Source: Proceedings of SPIE - The International Society for Optical Engineering v 3307 1998. p 2-13
Publication Year: 1998
CODEN: PSISDG **ISSN:** 0277-786X
Language: English
Abstract: ...recognition (ATR) using forward-looking infrared (FLIR) imagery. The classifier consists of several independently trained **neural networks** operating on features **extracted** from a local **portion** of a target **image**. The classification decisions of the individual networks are combined to **determine** the final **classification**. Experiments show that decomposition of the input features results in performance superior to a fully...

14/3,K/4 (Item 1 from file: 34) **Links**
   Fulltext available through: ScienceDirect (Elsevier)   USPTO Full Text Retrieval Options   SCIENCEDIRECT
SciSearch(R) Cited Ref Sci
03331361 **Genuine Article#:** BA56F **No. References:** 13
MACHINE VISION MONITORING OF PLANT HEALTH

Author: HETZRONI A; MILES GE; ENGEL BA; HAMMER PA; LATIN RX
Corporate Source: PURDUE UNIV,DEPT AGR ENGN/W LAFAYETTE//IN/47907; PURDUE UNIV,DEPT HORT/W LAFAYETTE//IN/47907; PURDUE UNIV,DEPT BOT & PLANT PATHOL/W LAFAYETTE//IN/47907
Journal: ADVANCES IN SPACE RESEARCH , 1994 , V 14 , N11 , P 203-212
ISSN: 0273-1177
Language: ENGLISH **Document Type:** REVIEW (Abstract Available)
Abstract: ...size and color properties have been investigated, temporal, spectral and spatial variation of leaves were **extracted** from the **segmented images. Neural network** and statistical **classifiers** were used to **determine** plant condition. 20/3,K/1 (Item 1 from file: 73) **Links**
   Fulltext available through: Oxford University Press USPTO Full Text Retrieval Options   SCIENCEDIRECT
EMBASE
11880359   **EMBASE No:** 2002452425
Strategies for automated fetal cell screening

Merchant F.A.; **Castleman K.R.**

F.A. Merchant, Advanced Digital Imaging Research, LLC, 2450 South Shore Blvd., League City, TX 77573 United States
Author Email: merchant@adires.com

Merchant F.A.; **Castleman K.R.**

MEDICAL DESCRIPTORS:

automation; sex determination; aneuploidy--diagnosis--di; maternal blood; cell count; sensitivity and specificity; cell **selection**; cell **separation**; flow cytometry; **image** cytometry; microscopy; immunocytochemistry; fluorescence microscopy; sex chromosome; fluorescence in situ hybridization; erythrocyte; medical instrumentation; filter.

```
Set      Items    Description
S1       2258102  S IMAG? OR URIN? OR ANALYTE OR SAMPL? OR PICTURE??
S2       410608   S (DIVID?? OR DIVISION OR SEPARAT? OR TILE?? OR TILING OR PORTION?? OR
PART? OR DISTINCT OR PIECE?? OR SEGMENT??? OR SPLIT??? OR BREAK???? OR SUB()DIVID???
OR ELEMENT?? OR SEGRAGAT??? OR PLURAL? OR MANY OR NUMEROUS OR SEVERAL OR MANY OR MULTI
OR MULTIPLE)(3N)S1
S3       438900   S (EXTRACT??? OR REMOV?? OR SELECT??? OR MINE?? OR MINING)(3N)(GROUP
OR SUB()GROUP OR PART?? OR PORTION OR SECTION?? OR S2)
S4       17388    S (DETERMIN??? OR PRODUCE OR GENERAT??? OR COMPUTE OR
COMPUTES)(3N)(CLASS?? OR CLASSIF? OR CATEGORY? OR CATEGORI? OR LABEL? OR GENUS OR
SPECY OR SPECIES)
S5       73       (BY()PASS??? OR SKIP??? OR PREVENT?? OR STOP? OR ?NOT?)(3N)S4 FROM
344, 347, 350, 371
S6       45       S AU=(CHAPOULAUD, E? OR CHAPOULAUD E? OR KASDAN, H? OR KASDAN H? OR
CASTLEMAN, K? OR CASTLEMAN K? OR GOOD, K? OR GOOD K?)
S7       14119    S TRAIN??(3N)ALGORITHM?? OR NEURAL()NETWORK?? OR FUZZY()LOGIC OR
EXPERT()SYSTEM
S8       46       S S3(3N)(S4 OR S5)
S9       5        S S8 AND IC=G06K?
S10      46       S S3(3N)S7
S11      9        S S10 AND IC=G06K?
S12      9        S S11 NOT S9
S13      2        S (S8 OR S10) AND S6
S14      1        S S13 NOT (S9 OR S12)
```

9/3,K/1 (Item 1 from file: 347) **Links**
JAPIO
04089775 **Image available**
CHARACTER AREA EXTRACTING METHOD

Pub. No.: 05-081475 [JP 5081475 A]
Published: April 02, 1993 (19930402)
Inventor: SAITO TAKASHI
Applicant: RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
Application No.: 03-329956 [JP 91329956]
Filed: November 19, 1991 (19911119)
Journal: Section: P, Section No. 1586, Vol. 17, No. 422, Pg. 70, August 05, 1993 (19930805)
International Class: G06K-009/20

ABSTRACT
...data generation part 104 generates run-length data from the reduced image and a block **generation** and **classification part** 105 **extracts** a block by performing a defocusing process for the run-length data and classifies the...

9/3,K/2 (Item 2 from file: 347) **Links**
JAPIO
04044214 **Image available**
PICTURE INCLINATION DETECTION METHOD

Pub. No.: 05-035914 [JP 5035914 A]
Published: February 12, 1993 (19930212)
Inventor: SAITO TAKASHI
Applicant: RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)
Application No.: 03-329955 [JP 91329955]
Filed: November 19, 1991 (19911119)
Journal: Section: P, Section No. 1560, Vol. 17, No. 326, Pg. 151, June 21, 1993 (19930621)
International Class: G06K-009/32

ABSTRACT
...input picture, the input picture is reduced in a picture reduction part 102. A block **generation/classification part** 103 **extracts** blocks by performing a gradation processing in the character string direction of the reduced picture... ...defined areas and character string candidate area from the sizes of the blocks. The block **generation/classification part** 103 selects areas where the lateral lengths are more than three times as the vertical lengths in...

9/3/3 (Item 1 from file: 350) **Links**
Derwent WPIX

0015819344 *Drawing available*
WPI Acc no: 2006-375212/200639
XRPX Acc No: N2006-316760
Character recognition method in computer, involves recognizing character extracted from character group of input image as unknown character, when extracted character is not recognized as handwritten or printed characters
Patent Assignee: TOSHIBA IT SOLUTION KK (TOSH-N)
Inventor: SUZUKI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2006107534	A	20060420	JP 2002256913	A	20020902	200639	B
			JP 20061484	A	20060106		

Priority Applications (no., kind, date): JP 2002256913 A 20020902; JP 20061484 A 20060106

<div align="center">Patent Details</div>

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
JP 2006107534	A	JA	12	10	Division of application	JP 2002256913

9/3/4 (Item 2 from file: 350) **Links**
Derwent WPIX

0015207006 *Drawing available*
WPI Acc no: 2005-557029/200557
XRPX Acc No: N2005-456811
System for classifying image using grid models, has feature extractor that applies classifier grid model representing associated classifier, to input image for producing sub-images and extracting feature data related to sub-images
Patent Assignee: TRW AUTOMOTIVE US LLC (THOP)
Inventor: KHAIRALLAH F; LUO Y; WALLACE J K

<div align="center">Patent Family (2 patents, 37 countries)</div>

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 1562135	A2	20050810	EP 20052031	A	20050201	200557	B
US 20050175243	A1	20050811	US 2004772664	A	20040205	200557	E

Priority Applications (no., kind, date): US 2004772664 A 20040205

<div align="center">Patent Details</div>

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 1562135	A2	EN	14	7		
Regional Designated States,Original	AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR YU					

9/3/5 (Item 3 from file: 350) **Links**
Derwent WPIX

0011037184 *Drawing available*
WPI Acc no: 2001-663297/200176
Related WPI Acc No: 2004-516862
XRPX Acc No: N2001-494210
Biological sample image classification method using multineural network imaging system, involves selecting and modifying sample classification class based on multiple predetermined classification classes
Patent Assignee: ASHE M R (ASHE-I); CHUNG M (CHUN-I); INT REMOTE IMAGING SYSTEMS INC (ITRE-N); KASDAN H L (KASD-I)
Inventor: ASHE M R; CHUNG M; KASDAN H L

<div align="center">Patent Family (9 patents, 90 countries)</div>

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001082216	A1	20011101	WO 2001US13451	A	20010424	200176	B
AU 200157299	A	20011107	AU 200157299	A	20010424	200219	E
US 20020031255	A1	20020314	US 2000199237	P	20000424	200222	E
			US 2001841941	A	20010424		
CN 1383522	A	20021204	CN 2001801791	A	20010424	200322	E

EP 1301894	A1	20030416	EP 2001930796	A	20010424	200328	E
			WO 2001US13451	A	20010424		
JP 2004505233	W	20040219	JP 2001579226	A	20010424	200414	E
			WO 2001US13451	A	20010424		
US 6947586	B2	20050920	US 2000199237	P	20000424	200562	E
			US 2001841941	A	20010424		
AU 2001257299	A8	20051020	AU 2001257299	A	20010424	200615	E
CN 1214340	C	20050810	CN 2001801791	A	20010424	200647	E

Priority Applications (no., kind, date): US 2000199237 P 20000424; US 2001841941 A 20010424

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2001082216	A1	EN	62	9		
National Designated States,Original	AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Regional Designated States,Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200157299	A	EN			Based on OPI patent	WO 2001082216
US 20020031255	A1	EN			Related to Provisional	US 2000199237
EP 1301894	A1	EN			PCT Application	WO 2001US13451
					Based on OPI patent	WO 2001082216
Regional Designated States,Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
JP 2004505233	W	JA	89		PCT Application	WO 2001US13451
					Based on OPI patent	WO 2001082216
US 6947586	B2	EN			Related to Provisional	US 2000199237
AU 2001257299	A8	EN			Based on OPI patent	WO 2001082216

12/3,K/1 (Item 1 from file: 347) **Links**
JAPIO
05505634 **Image available**
CHARACTER RECOGNITION DEVICE

Pub. No.: 09-120434 [JP 9120434 A]
Published: May 06, 1997 (19970506)
Inventor: ONO KATSUICHI
      KUBOTA HITOSHI
Applicant: SUZUKI MOTOR CORP [000208] (A Japanese Company or Corporation), JP (Japan)
Application No.: 07-299114 [JP 95299114]
Filed: October 24, 1995 (19951024)
International Class: G06K-009/66; G06F-015/18; **G06K-009/20**; **G06K-009/62**

ABSTRACT
...one by one. Further, the feature quantity extraction part 11 is provided with a recognition **part** 19 which **selects a neural network** 18 according to the feature quantity data extracted by the feature quantity extraction part 11...

12/3,K/2 (Item 2 from file: 347) **Links**
JAPIO
04594498 **Image available**
ARITHMETIC UNIT USING NEURAL NETWORK

Pub. No.: 06-266398 [JP 6266398 A]
Published: September 22, 1994 (19940922)
Inventor: MURAO HIROYA
　　　　　WATANABE TOSHIYUKI
　　　　　TSURUFUJI SHINICHI
Applicant: SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)
Application No.: 05-055938 [JP 9355938]
Filed: March 16, 1993 (19930316)
Journal: Section: P, Section No. 1846, Vol. 18, No. 674, Pg. 158, December 19, 1994 (19941219)
International Class: G10L-009/10; G06F-015/18; **G06K-009/66**

ABSTRACT
...realized by the same program by performing arithmetic for an optional neural network by a **neural network** arithmetic **part**
according to a **selection**.

12/3,K/3 (Item 3 from file: 347) **Links**
JAPIO
04400476 **Image available**
**IMAGE FEATURE EXTRACTING DEVICE, IMAGE RECOGNIZING METHOD AND IMAGE RECOGNIZING
DEVICE**

Pub. No.: 06-044376 [JP 6044376 A]
Published: February 18, 1994 (19940218)
Inventor: KURATOMI YASUNORI
　　　　　OGAWA KUNI
Applicant: MATSUSHITA ELECTRIC IND CO LTD [000582] (A Japanese Company or Corporation) , JP (Japan)
Application No.: 05-125730 [JP 93125730]
Filed: May 27, 1993 (19930527)
Journal: Section: P, Section No. 1743, Vol. 18, No. 278, Pg. 61, May 26, 1994 (19940526)
International Class: G06F-015/70; G06F-015/18; G06G-007/60; **G06K-009/66**

ABSTRACT
...CONSTITUTION: A bit image prepared by an input part 1 is processed by the **neural network** constituting a feature
extraction part 2 and a recognition part 3, and an image is recognized. First of all, the... ...a specified direction or a specified
geometrical shape from the bit image by a first **neural network** constituting a shape **extraction part** 4. In a second neural
network constituting a direction detection part 5, the direction and...

12/3,K/4 (Item 4 from file: 347) **Links**
JAPIO
03501986 **Image available**
CHARACTER RECOGNIZING DEVICE

Pub. No.: 03-164886 [JP 3164886 A]
Published: July 16, 1991 (19910716)
Inventor: ONO MASAYA
　　　　　HARUKI KAZUHITO
　　　　　HATANO TOSHIAKI
Applicant: TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP (Japan)
Application No.: 01-305021 [JP 89305021]
Filed: November 22, 1989 (19891122)
Journal: Section: P, Section No. 1263, Vol. 15, No. 406, Pg. 164, October 16, 1991 (19911016)
International Class: **G06K-009/66**

ABSTRACT

...rate of a correct answer by executing learning so that the decided result of a **neural network** for low- order **group selection** can be outputted as the final character recognized result while including a character pattern candidate... ...highest probability is learnt and decided. Further, in a neural network 11 for high-order **group selection**, which **neural network** out of the neural networks 12-16 for low-order group selection includes the character.

12/3/5 (Item 1 from file: 350) **Links**
Derwent WPIX

0013184971 *Drawing available*
WPI Acc no: 2003-268469/200326
XRPX Acc No: N2003-213305
Automated digital watermarking method e.g. for copyright protection for digital products, involves calculating discrete transform having several frequency bands
Patent Assignee: NAJARIAN K (NAJA-I); UNIV NORTH CAROLINA (UYNC-N)
Inventor: NAJARIAN K

Patent Family (5 patents, 99 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003019464	A1	20030306	WO 2002US28217	A	20020828	200326	B
US 20030095683	A1	20030522	US 2001315223	P	20010828	200336	E
			US 2002134255	A	20020429		
AU 2002323602	A1	20030310	AU 2002323602	A	20020828	200452	E
US 7095872	B2	20060822	US 2001315223	P	20010828	200656	E
			US 2002134255	A	20020429		
US 20060239504	A1	20061026	US 2001315223	P	20010828	200671	E
			US 2002134255	A	20020429		
			US 2006474143	A	20060623		

Priority Applications (no., kind, date): US 2001315223 P 20010828; US 2002134255 A 20020429; US 2006474143 A 20060623

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003019464	A1	EN	28	5		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
US 20030095683	A1	EN			Related to Provisional	US 2001315223
AU 2002323602	A1	EN			Based on OPI patent	WO 2003019464
US 7095872	B2	EN			Related to Provisional	US 2001315223
US 20060239504	A1	EN			Related to Provisional	US 2001315223
					Division of application	US 2002134255
					Division of patent	US 7095872

12/3/6 (Item 2 from file: 350) **Links**
Derwent WPIX

0010814267 *Drawing available*
WPI Acc no: 2001-431030/
Method for extracting licence plate from car using neural network
Patent Assignee: KIM H J (KIMH-I); PARK S H (PARK-I)
Inventor: KIM H J; PARK S H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2001002146	A	20010105	KR 199921792	A	19990611	200146	B

Priority Applications (no., kind, date): KR 199921792 A 19990611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2001002146	A	KO	1	10	

12/3/7 (Item 3 from file: 350) **Links**
Derwent WPIX

0008719906 *Drawing available*
WPI Acc no: 1998-260835/
XRPX Acc No: N1998-205663
Neural-net symbol verification for CD production - involves applying symbol group representations as inputs to group of verification neural-nets associated with symbols for processing
Patent Assignee: SONY CORP (SONY); SONY ELECTRONICS INC (SONY)
Inventor: OKI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5742702	A	19980421	US 1992955534	A	19921001	199823	B
			US 1996694810	A	19960809		

Priority Applications (no., kind, date): US 1992955534 A 19921001; US 1996694810 A 19960809

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5742702	A	EN	18	10	Continuation of application	US 1992955534

12/3/8 (Item 4 from file: 350) **Links**
Derwent WPIX

0007227972 *Drawing available*
WPI Acc no: 1995-278354/
Handwriting character recognition device - calculates feature value of handwritten character with feature extractor and outputs it
Patent Assignee: CASIO COMPUTER CO LTD (CASK)
Inventor: MIFUJI K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7175893	A	19950714	JP 1993317927	A	19931217	199537	B

Priority Applications (no., kind, date): JP 1993317927 A 19931217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7175893	A	JA	5	8	

T 12/3/5-9

12/3/5 (Item 1 from file: 350) **Links**
Derwent WPIX
(c) 2007 The Thomson Corporation. All rights reserved.

0013184971 *Drawing available*
WPI Acc no: 2003-268469/200326
XRPX Acc No: N2003-213305
Automated digital watermarking method e.g. for copyright protection for digital products, involves calculating discrete transform having several frequency bands
Patent Assignee: NAJARIAN K (NAJA-I); UNIV NORTH CAROLINA (UYNC-N)
Inventor: NAJARIAN K

Patent Family (5 patents, 99 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2003019464	A1	20030306	WO 2002US28217	A	20020828	200326	B
US 20030095683	A1	20030522	US 2001315223	P	20010828	200336	E
			US 2002134255	A	20020429		
AU 2002323602	A1	20030310	AU 2002323602	A	20020828	200452	E
US 7095872	B2	20060822	US 2001315223	P	20010828	200656	E
			US 2002134255	A	20020429		
US 20060239504	A1	20061026	US 2001315223	P	20010828	200671	E
			US 2002134255	A	20020429		
			US 2006474143	A	20060623		

Priority Applications (no., kind, date): US 2001315223 P 20010828; US 2002134255 A 20020429; US 2006474143 A 20060623

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2003019464	A1	EN	28	5		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SK SL SZ TR TZ UG ZM ZW					
US 20030095683	A1	EN			Related to Provisional	US 2001315223
AU 2002323602	A1	EN			Based on OPI patent	WO 2003019464
US 7095872	B2	EN			Related to Provisional	US 2001315223
US 20060239504	A1	EN			Related to Provisional	US 2001315223
					Division of application	US 2002134255
					Division of patent	US 7095872

12/3/6 (Item 2 from file: 350) **Links**
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0010814267 *Drawing available*
WPI Acc no: 2001-431030/
Method for extracting licence plate from car using neural network
Patent Assignee: KIM H J (KIMH-I); PARK S H (PARK-I)
Inventor: KIM H J; PARK S H

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
KR 2001002146	A	20010105	KR 199921792	A	19990611	200146	B

Priority Applications (no., kind, date): KR 199921792 A 19990611

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
KR 2001002146	A	KO	1	10	

12/3/7 (Item 3 from file: 350) **Links**
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0008719906 *Drawing available*
WPI Acc no: 1998-260835/
XRPX Acc No: N1998-205663
Neural-net symbol verification for CD production - involves applying symbol group representations as inputs to group of verification neural-nets associated with symbols for processing
Patent Assignee: SONY CORP (SONY); SONY ELECTRONICS INC (SONY)
Inventor: OKI T

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5742702	A	19980421	US 1992955534	A	19921001	199823	B
			US 1996694810	A	19960809		

Priority Applications (no., kind, date): US 1992955534 A 19921001; US 1996694810 A 19960809

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
US 5742702	A	EN	18	10	Continuation of application	US 1992955534

12/3/8 (Item 4 from file: 350) **Links**
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0007227972 *Drawing available*
WPI Acc no: 1995-278354/
Handwriting character recognition device - calculates feature value of handwritten character with feature extractor and outputs it
Patent Assignee: CASIO COMPUTER CO LTD (CASK)
Inventor: MIFUJI K

Patent Family (1 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 7175893	A	19950714	JP 1993317927	A	19931217	199537	B

Priority Applications (no., kind, date): JP 1993317927 A 19931217

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
JP 7175893	A	JA	5	8	

12/3/9 (Item 5 from file: 350) **Links**
Derwent WPIX

0006679242 *Drawing available*
WPI Acc no: 1994-058589/199408
XRAM Acc no: C1994-026202
XRPX Acc No: N1994-046218
Agglutination reaction determn. by pattern classification - by photoelectrical detection to give image signal processed to judge pattern using neural network
Patent Assignee: OLYMPUS OPTICAL CO LTD (OLYU)
Inventor: KURISUTOFUAA M S; SKOLDBERG C M; YONEKAWA H

Patent Family (5 patents, 4 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 583626	A2	19940223	EP 1993111472	A	19930716	199408	B
US 5388164	A	19950207	US 1992932414	A	19920819	199512	E
EP 583626	A3	19940413	EP 1993111472	A	19930716	199522	E
JP 7306149	A	19951121	JP 1993193895	A	19930712	199604	E
JP 3328015	B2	20020924	JP 1993193895	A	19930712	200264	E

Priority Applications (no., kind, date): US 1992932414 A 19920819

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
EP 583626	A2	EN	15	8		
Regional Designated States,Original	DE FR GB					
US 5388164	A	EN	10	8		
EP 583626	A3	EN				
JP 7306149	A	JA	11	0		
JP 3328015	B2	JA	11		Previously issued patent	JP 07306149

14/3,K/1 (Item 1 from file: 350) **Links**
Derwent WPIX

0007699841 *Drawing available*
WPI Acc no: 1996-321987/199632
XRPX Acc No: N1996-270903
Analysis method for fluid sample particles esp. for biological samples e.g. blood or urine - using electronic imaging of sample with display of results in format which is convenient to user
Patent Assignee: INT REMOTE IMAGING SYSTEMS INC (ITRE-N)
Inventor: **KASDAN H L**

Patent Family (3 patents, 20 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 1996020456	A1	19960704	WO 1995US16767	A	19951220	199632	B
AU 199647417	A	19960719	AU 199647417	A	19951220	199647	E
US 5822447	A	19981013	US 1994363394	A	19941223	199848	E
			US 1996632310	A	19960415		
			US 1997839580	A	19970415		

Priority Applications (no., kind, date): US 1994363394 A 19941223; US 1996632310 A 19960415; US 1997839580 A 19970415

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 1996020456	A1	EN	28	5		
National Designated States,Original	AU CA JP					
Regional Designated States,Original	AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
AU 199647417	A	EN			Based on OPI patent	WO 1996020456
US 5822447	A	EN			Continuation of application	US 1994363394
					Continuation of application	US 1996632310

Inventor: **KASDAN H L**

Original Publication Data by Authority

Inventor name & address:
KASDAN H L... ...Kasdan, Harvey Lee... ...KASDAN, HARVEY, LEE, US ...
Original Abstracts:
of visually discernible characteristics. For each classification, the percentage of the total number of particles **classified** is **determined**. The **images** of the **particles** are **extracted** from the electronic images. The images of the particles are displayed in an ordered array... ... visually discernible characteristics (42). For each classification, the percentage of the total number of . particles **classified** is **determined**. The **images** of the **particles** are **extracted** from the electronic images. The images of the particles are displayed in an ordered array...